

SEQUENCE LISTINGS

SEQ ID NO. 1

5 See Figure 1a.

SEQ ID NO.2

See Figure 1b.

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SEQ ID NO. 3

See Figure 2

15 SEQ ID NO.4

See Figure 4

SEQ ID NO. 5

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ATGGCTTGCAATTGTGTCAGTTGATGCAGGATACACCACTCCTCAAGTTTCCATGTCCAAGGCTCATTCTTCTCTTTGTGCT
80GCTGATTCGTCTTTCACAAGTGTCTTCAGATGTTGATGAACAACGTGTCCAAGTCAGTGAAAGATAAGGTATTGCTGCCTT
160GCCGTTACAACCTCTCCGATGAAGATGAGTCTGAAGACCGAATCTACTGGCAAAACATGACAAAGTGGTGCTGTCTGTC
240ATTGCTGGGAAACTAAAAGTGTGGCCCGAGTATAAGAACCGGACTTTATATGACAACACTACCTACTCTCTTATCATCCT
25 320GGGCCTGGTCCTTTCAGACCGGGGCACATACAGCTGTGTCGTTCAAAGAAGGAAAGAGGAACGTATGAAGTTAAACACT
400TGGCTTTAGTAAAGTTGTCCATCAAAGCTGACTTCTCTACCCCCAACATAACTGAGTCTGGAAACCCATCTGCAGACACT
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30 720CCTCCTGATAGCAAGCCCGGGGTGGTGGGAGCGGTGGTGGCGGCAGTGGCGGCGCGGAACCTAGTGAGGTCCAGCTTCA
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1120AAGTAACTTCAGTCACCGTCTCTTCAGGTGGTGGTGGGAGCGGTGGTGGCGGCACTGGCGGCGGCGGATCTAGTATTGTG
1200ATGACCCAGACTCCCACATTCCTGCTTGTTCAGCAGGAGACAGGGTTACCATAACCTGCAAGGCCAGTCAGAGTGTGAG
1280TAATGATGTAGCTTGGTACCAACAGAAGCCAGGGCAGTCTCCTACACTGCTCATATCCTATACATCCAGTCGCTACGCTG
1360GAGTCCCTGATCGCTTCATTGGCAGTGGATATGGGACGGATTTCACTTTACCATCAGCACTTTGCAGGCTGAAGACCTG
5 1440GCAGTTTATTTCTGTCAGCAAGATTATAATTCTCCTCCGACGTTGGTGGAGGCACCAAGCTGGAAATCAAACGGTAA 1518

SEQ ID NO.6

CTCGAGCCACCATGGGATGGAGCTGTATCATCTCTTCTTGGTAGCAACAGCTACAGGTGTCCACTCCGAGGTCCAGCTG
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160CTACTACATGCACTGGGTGAAGCAGAGCCATGGAAAGAGCCTTGAGTGGATTGGACGTATTAATCCTAACAATGGTGTTA
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320AGCCTGACATCTGAGGACTCTGCGGTCTATTACTGTGCAAGATCTACTATGATTACGA ACTATGTTATGGACTACTGGGG
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15 480TGATGACCCAGACTCCCACATTCCTGCTTGTTCAGCAGGAGACAGGGTTACCATAACCTGCAAGGCCAGTCAGAGTGTG
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25 1280ACCGCTCTACCACGCAGGAGGGTGAGCTGGCCTCCACACAAAGCGAGCTCACCTCAGCCAGAAGCACTGGCTGTCAGA
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1840GAACTTCATGCTGAGGACATCTCGGTGCAGTGGCTGCACAACGAGGTGCAGCTCCCGGACGCCCGGCACAGCACGACGC
1920AGCCCCGCAAGACCAAGGGCTCCGGCTTCTTCGTCTTCAGCCGCTGGAGGTGACCAGGGCCGAATGGGAGCAGAAAGAT
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35 2080ATGAGAGCTC 2090

SEQ ID NO. 7

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5 160GCCGTTACAACCTCCGCATGAAGATGAGTCTGAAGACCGAATCTACTGGCAAAAACATGACAAAGTGGTGCTGTCTGTC
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10 560CATCAATACGACAATTTCCAGGATCCTGAATCTGAATTGTACACCATTAGTAGCCAACCTAGATTTCAATACGACTCGCA
640ACCACACCATTAAGTGTCTCATTAAATATGGAGATGCTCACGTGTCAGAGGACTTCACCTGGGAAAAACCCCCAGAAGAC
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880ACTGTGTTGTTGGCTACATCGGGGAGCGATGTCAGTACCGAGACCTGAAGTGGTGGGAACCTGCCG 945

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